

- (e) said template DNA molecule has a sequence that encodes amino acid sub-sequence $Y\Delta_5P$, wherein Δ_5 is an amino acid other than proline;
- (f) said template DNA molecule has a sequence that encodes amino acid sub-sequence $P\Delta_6A$, wherein Δ_6 is an amino acid other than valine;
- (g) said template DNA molecule has a sequence that encodes amino acid sub-sequence Δ_7IG , wherein Δ_7 is an amino acid other than tyrosine;
- (h) said template DNA molecule has a sequence that encodes amino acid sub-sequence $YIGG\Delta_8$, wherein Δ_8 is an amino acid other than alanine or serine;
- (i) said template DNA molecule has a sequence that encodes amino acid sub-sequence $A\Delta_9P$, wherein Δ_9 is an amino acid other than isoleucine;
- (j) said template DNA molecule has a sequence that encodes amino acid sub-sequence $G\Delta_{10}A$, wherein Δ_{10} is an amino acid other than valine;
- (k) said template DNA molecule has a sequence that encodes amino acid sub-sequence $Y\Delta_3G$, wherein Δ_3 is an amino acid other than alanine, and said template DNA molecule also has a sequence that encodes one of the group consisting of:
- (1) sub-sequence $Q\Delta_{11}S$, wherein Δ_{11} is an amino acid other than proline,
 - (2) sub-sequence $IGG\Delta_{12}$, wherein Δ_{12} is an amino acid other than threonine,
 - (3) sub-sequence $SWXL\Delta_{13}$, wherein Δ_{13} is an amino acid other than serine,
 - (4) sub-sequence $L\Delta_{14}Y$, wherein Δ_{14} is an amino acid other than asparagine, and
 - (5) sub-sequence $G\Delta_{15}XGL$, wherein Δ_{15} is an amino acid other than tyrosine;
- (l) said template DNA molecule has a sequence that encodes amino acid sub-sequence Δ_7IG , wherein Δ_7 is an amino acid other than tyrosine, and said template DNA molecule also has a sequence that encodes one of the group consisting of:
- (1) sub-sequence $Q\Delta_{11}S$, wherein Δ_{11} is an amino acid other than proline,
 - (2) sub-sequence $IGG\Delta_{12}$, wherein Δ_{12} is an amino acid other than threonine,
 - (3) sub-sequence $SWXL\Delta_{13}$, wherein Δ_{13} is an amino acid other than serine,
 - (4) sub-sequence $L\Delta_{14}Y$, wherein Δ_{14} is an amino acid other than asparagine, and
 - (5) sub-sequence $G\Delta_{15}XGL$, wherein Δ_{15} is an amino acid other than tyrosine; and
- (m) said template DNA molecule has a sequence that encodes amino acid sub-sequence $T\Delta_{16}G$, wherein Δ_{16} is an amino acid other than leucine, and said template DNA molecule also has a

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sequence that encodes amino acid sub-sequence YV Δ_{17} G, wherein Δ_{16} is an amino acid other than alanine.

Please cancel claims 5-13 and 25 without prejudice.